

Claims

[c1] What is claimed is:

1.A computer system comprising:

a processor for processing data;

a storage unit for storing data; and

a thermal module for dissipating heat generated by the processor, comprising:

a heat pipe, adjacent to the processor, for conducting the heat; and

a cooling device comprising:

a plurality of tanks connected serially, wherein the first tank and the last one of the tanks are connected with the heat pipe to form a closed loop;

a plurality of pumps, coupled to the tanks, for driving liquid coolant to flow in the heat pipe; and

a control unit for controlling the rotating speed of said pumps to change the flowing speed of the liquid coolant.

[c2] 2.The computer system of claim 1, wherein at least one of said pumps is coupled to each tank.

[c3] 3.The computer system of claim 1, further comprising a detector, coupled to the last one of the tanks, for generating an alert signal when the level in the last one of the

tanks is below a predetermined level.

- [c4] 4.The computer system of claim 3, wherein the predetermined level is above the position of a liquid-out port of the last one of the tanks.
- [c5] 5.The computer system of claim 1, wherein the bottom of the last one of the tanks is below the bottoms of the other one of the tanks.
- [c6] 6.The computer system of claim 1, wherein said cooling device further comprises an aperture for filling the liquid coolant.
- [c7] 7.The computer system of claim 1, further comprising a storage unit for storing data, wherein said control unit comprises a program stored in said storage unit.
- [c8] 8.The computer system of claim 1, wherein said control unit comprises a logic circuit.